

Segment ID: 0102 Water body name: Lake Meredith

Reservoir	Canadian River Basin	Total size:	16,504	Acres
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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceed	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	No Concern	Downstream half of lake	8,000	10	0	
2002	Dissolved Oxygen grab average	Not Assessed	Upstream half of lake	8,504	2	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Downstream half of lake	8,000	10	0	
2002	Dissolved Oxygen grab minimum	Not Assessed	Upstream half of lake	8,504	2	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Downstream half of lake	8,000	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upstream half of lake	8,504	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Downstream half of lake	8,000	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upstream half of lake	8,504	0		
2002	Acute Metals in water	No Concern-Limited Data	Downstream half of lake	8,000	7		
2002	Acute Metals in water	Not Assessed	Upstream half of lake	8,504	1		
2002	Chronic Metals in water	No Concern-Limited Data	Downstream half of lake	8,000	7		
2002	Chronic Metals in water	Not Assessed	Upstream half of lake	8,504	1		
2002	Acute Organics in water	Not Assessed	Downstream half of lake	8,000	2		
2002	Chronic Organics in water	Not Assessed	Downstream half of lake	8,000	2		
2002	Overall Aquatic Life Use	Fully Supporting	Downstream half of lake	8,000			
2002	Overall Aquatic Life Use	Not Assessed	Upstream half of lake	8,504			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Downstream half of lake	8,000	0		
2002	E. coli single sample	Not Assessed	Upstream half of lake	8,504	0		

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Contact Recreation Use (continued)

2002	E. coli geometric mean	Not Assessed	Downstream half of lake	8,000	0		
2002	E. coli geometric mean	Not Assessed	Upstream half of lake	8,504	0		
2002	Fecal coliform single sample	Fully Supporting	Downstream half of lake	8,000	257	0	
2002	Fecal coliform single sample	Fully Supporting	Upstream half of lake	8,504	341	0	
2002	Fecal coliform geometric mean	Fully Supporting	Downstream half of lake	8,000	257		1
2002	Fecal coliform geometric mean	Fully Supporting	Upstream half of lake	8,504	341		1
2002	Overall Recreation Use	Fully Supporting	Downstream half of lake	8,000			
2002	Overall Recreation Use	Fully Supporting	Upstream half of lake	8,504			

General Use

2002	Water Temperature	Fully Supporting	Downstream half of lake	8,000	10	0	
2002	Water Temperature	Not Assessed	Upstream half of lake	8,504	2	0	
2002	pH	Fully Supporting	Downstream half of lake	8,000	12	0	
2002	pH	No Concern-Limited Data	Upstream half of lake	8,504	4	0	
2002	Chloride	Fully Supporting	Downstream half of lake	8,000	48		358
2002	Chloride	Fully Supporting	Upstream half of lake	8,504	48		358
2002	Sulfate	Fully Supporting	Downstream half of lake	8,000	48		306
2002	Sulfate	Fully Supporting	Upstream half of lake	8,504	48		306
2002	Total Dissolved Solids	Fully Supporting	Downstream half of lake	8,000	82		1,246.47
2002	Total Dissolved Solids	Fully Supporting	Upstream half of lake	8,504	82		1,246.47
2002	Overall General Use	Fully Supporting	Downstream half of lake	8,000			
2002	Overall General Use	Fully Supporting	Upstream half of lake	8,504			

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Fish Consumption Use

2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Downstream half of lake	8,000			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Upstream half of lake	8,504			
2002	Human Health Criteria	No Concern-Limited Data	Downstream half of lake	8,000	9		
2002	Human Health Criteria	No Concern-Limited Data	Upstream half of lake	8,504	7		
2002	Overall Fish Consumption Use	Partially Supporting	Downstream half of lake	8,000			
2002	Overall Fish Consumption Use	Partially Supporting	Upstream half of lake	8,504			

Public Water Supply Use

2002	Overall Public Water Supply Use	Fully Supporting	Downstream half of lake	8,000			
2002	Overall Public Water Supply Use	Fully Supporting	Upstream half of lake	8,504			

Overall Use Support

2002		Partially Supporting	Downstream half of lake	8,000			
2002		Partially Supporting	Upstream half of lake	8,504			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Downstream half of lake	8,000	11		
2002	Ammonia Nitrogen	Not Assessed	Upstream half of lake	8,504	3	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Downstream half of lake	8,000	20	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Upstream half of lake	8,504	10	0	
2002	Orthophosphorus	No Concern	Downstream half of lake	8,000	10		
2002	Orthophosphorus	Not Assessed	Upstream half of lake	8,504	2	0	

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Nutrient Enrichment Concern (continued)

2002	Total Phosphorus	No Concern	Downstream half of lake	8,000	10		
2002	Total Phosphorus	Not Assessed	Upstream half of lake	8,504	3	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Downstream half of lake	8,000			
2002	Overall Nutrient Enrichment Concerns	No Concern	Upstream half of lake	8,504			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Downstream half of lake	8,000	11		
2002	Chlorophyll a	Not Assessed	Upstream half of lake	8,504	3	0	

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Downstream half of lake	8,000	4		
2002	Organics in sediment	Not Assessed	Downstream half of lake	8,000	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Downstream half of lake	8,000			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upstream half of lake	8,504			

Fish Tissue Contaminants Concern

2002	Metals in fish tissue	Not Assessed	Downstream half of lake	8,000	2		
2002	Organics in fish tissue	Not Assessed	Downstream half of lake	8,000	2		
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream half of lake	8,000			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream half of lake	8,504			

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Public Water Supply Concern							
2002	Finished Water: Chloride	Concern	Downstream half of lake	8,000	12		366
2002	Finished Water: Chloride	Concern	Upstream half of lake	8,504	12		366
2002	Finished Water: Sulfate	Concern	Downstream half of lake	8,000	12		337
2002	Finished Water: Sulfate	Concern	Upstream half of lake	8,504	12		337
2002	Finished Water: Total Dissolved Solids	Concern	Downstream half of lake	8,000	15		1,253
2002	Finished Water: Total Dissolved Solids	Concern	Upstream half of lake	8,504	15		1,253
2002	Finished Water: MTBE	No Concern	Downstream half of lake	8,000			
2002	Finished Water: MTBE	No Concern	Upstream half of lake	8,504			
2002	Finished Water: Perchlorate	Not Assessed	Downstream half of lake	8,000			
2002	Finished Water: Perchlorate	Not Assessed	Upstream half of lake	8,504			
2002	Finished Water: Overall	Concern	Downstream half of lake	8,000			
2002	Finished Water: Overall	Concern	Upstream half of lake	8,504			
2002	Surface Water: Chloride	Concern	Downstream half of lake	8,000	46		358
2002	Surface Water: Chloride	Concern	Upstream half of lake	8,504	46		358
2002	Surface Water: Sulfate	Concern	Downstream half of lake	8,000	46		307
2002	Surface Water: Sulfate	Concern	Upstream half of lake	8,504	46		307
2002	Surface Water: Total Dissolved Solids	Concern	Downstream half of lake	8,000	82		1,246.47
2002	Surface Water: Total Dissolved Solids	Concern	Upstream half of lake	8,504	82		1,246.47
2002	Surface Water: Overall	Concern	Downstream half of lake	8,000			

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Acres

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Public Water Supply Concern (continued)

2002	Surface Water: Overall	Concern	Upstream half of lake	8,504			
2002	Overall Public Water Supply Concerns	Concern	Downstream half of lake	8,000			
2002	Overall Public Water Supply Concerns	Concern	Upstream half of lake	8,504			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Downstream half of lake	8,000			
2002	Overall Narrative Criteria Concerns	No Concern	Upstream half of lake	8,504			

Overall Secondary Concern

2002		Concern	Downstream half of lake	8,000			
2002		Concern	Upstream half of lake	8,504			